

39

FIG.1

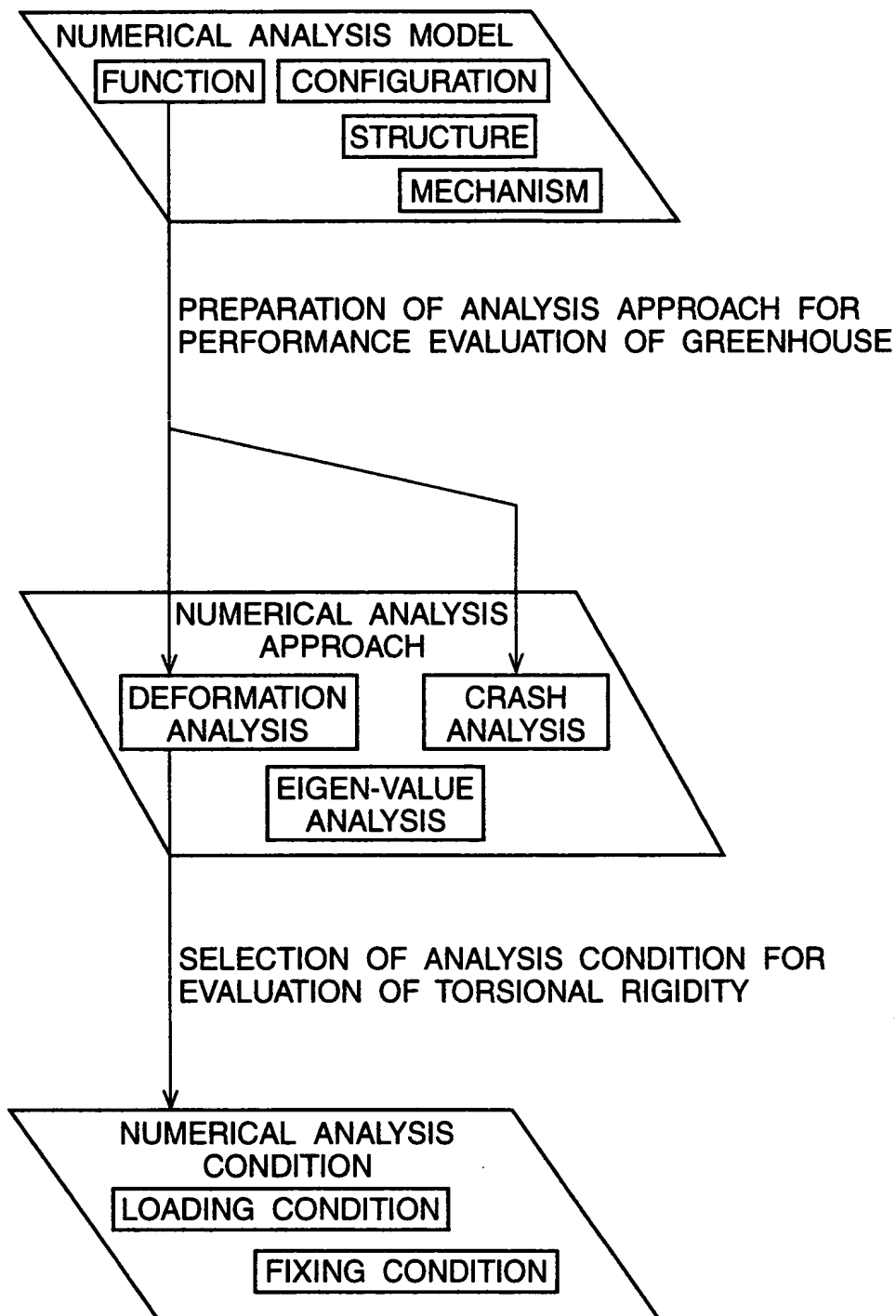


FIG.2

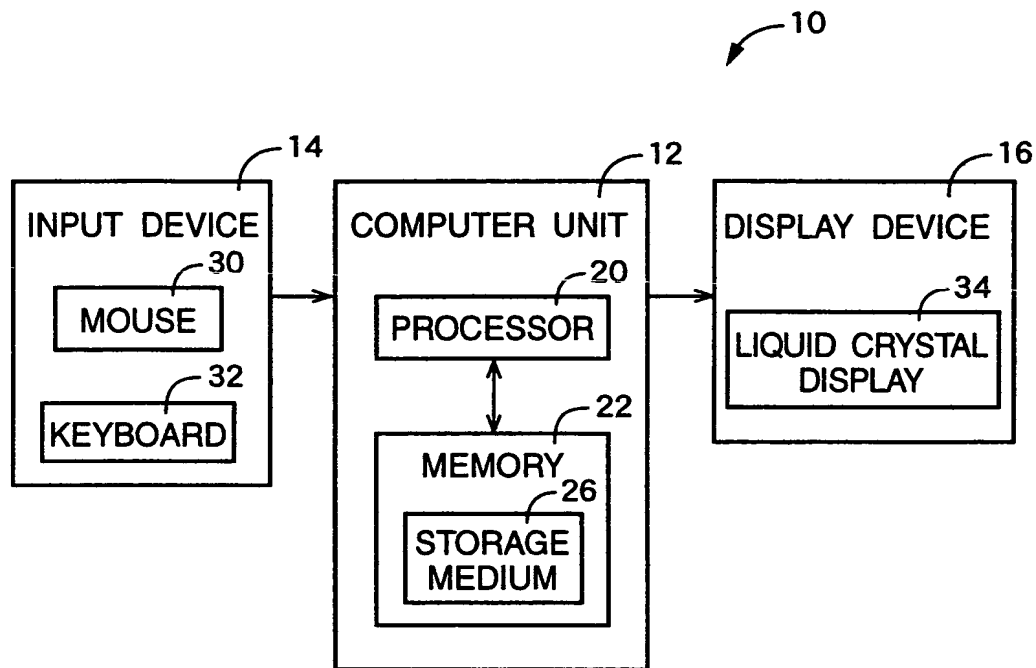


FIG.3

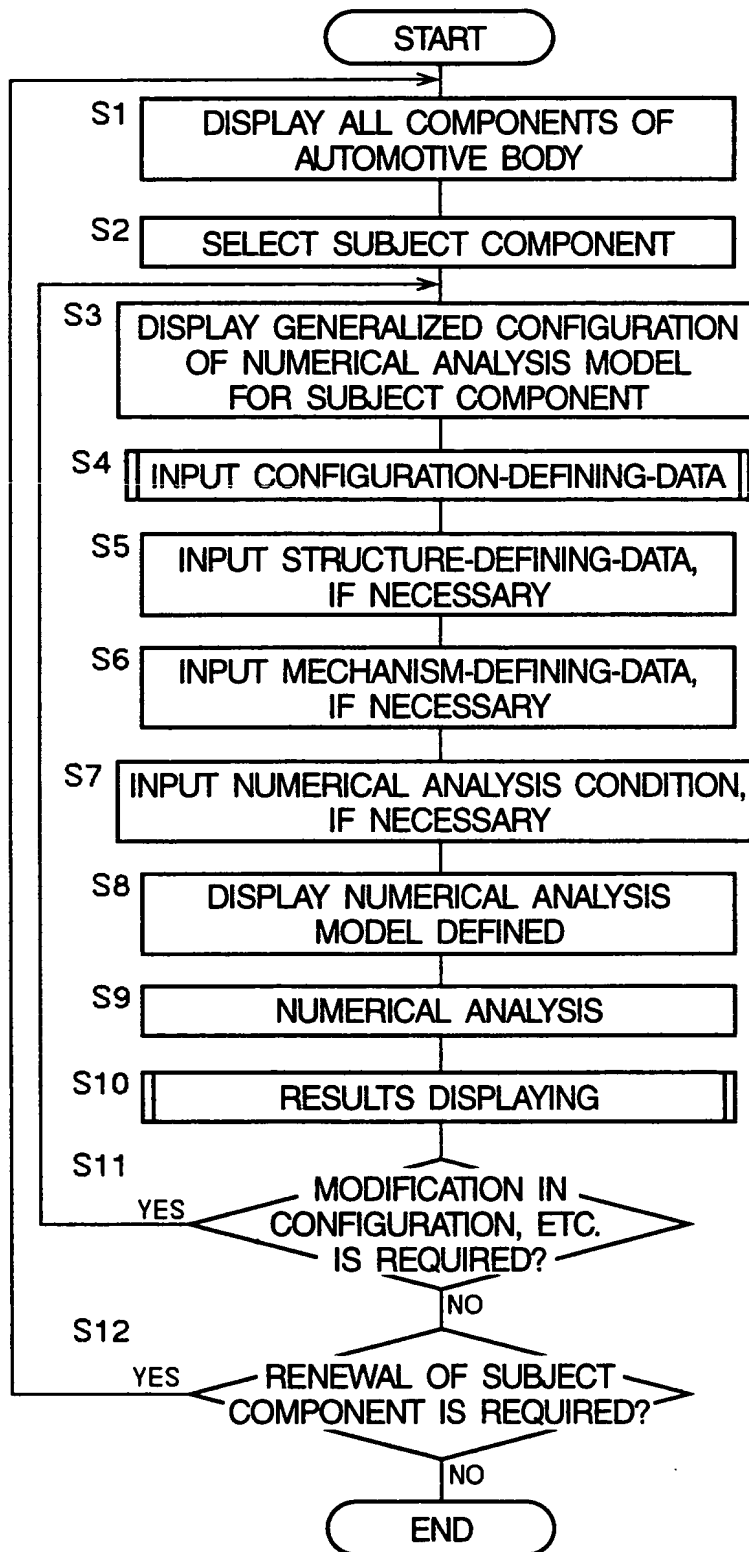


FIG.4

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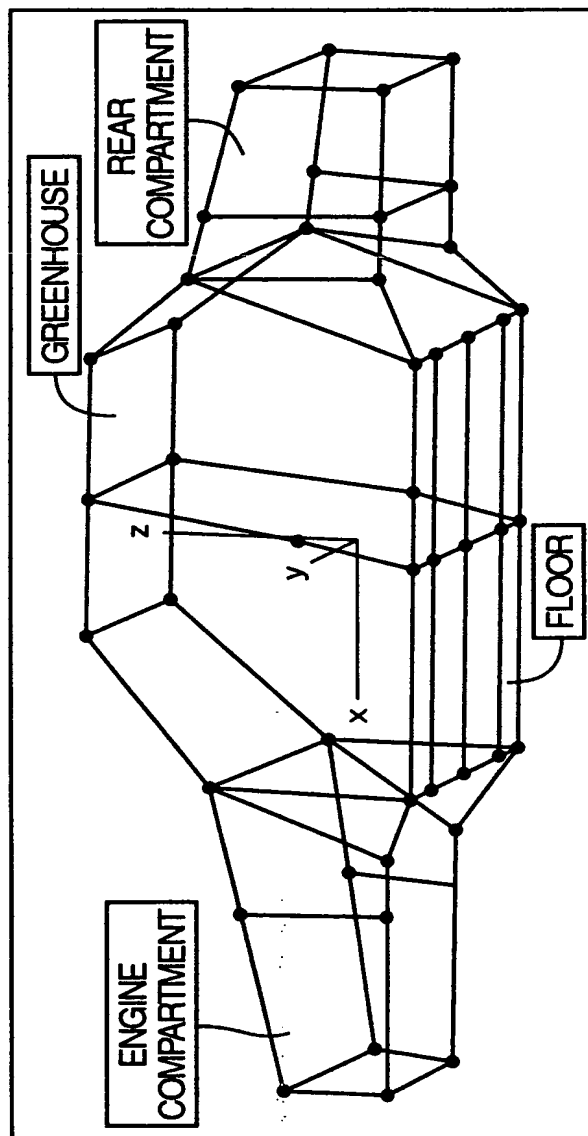


FIG.5

DESIGNED	O.G. FIG.	
BY	CLASS	SUBCL
RAFTSMAN		

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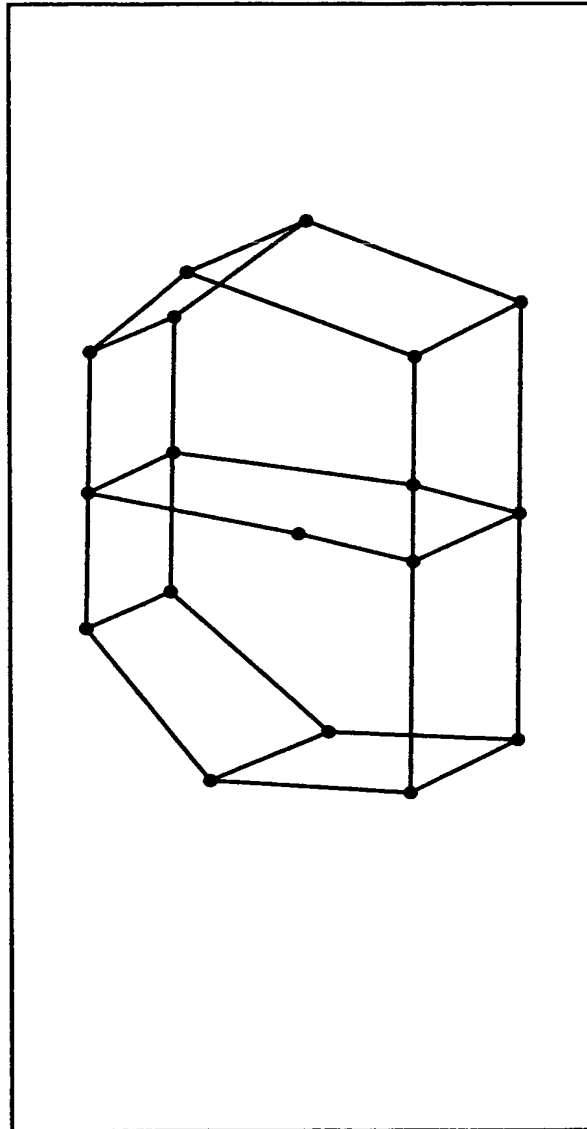


FIG.6

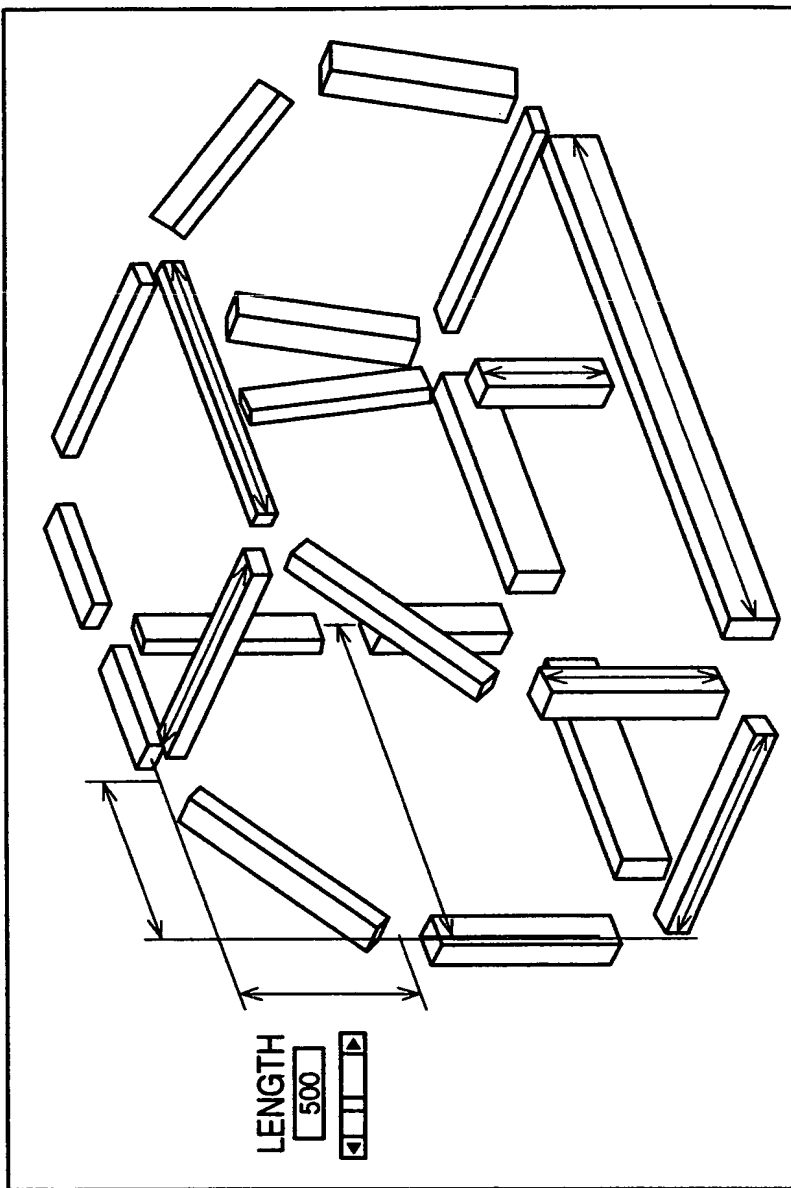


FIG.7

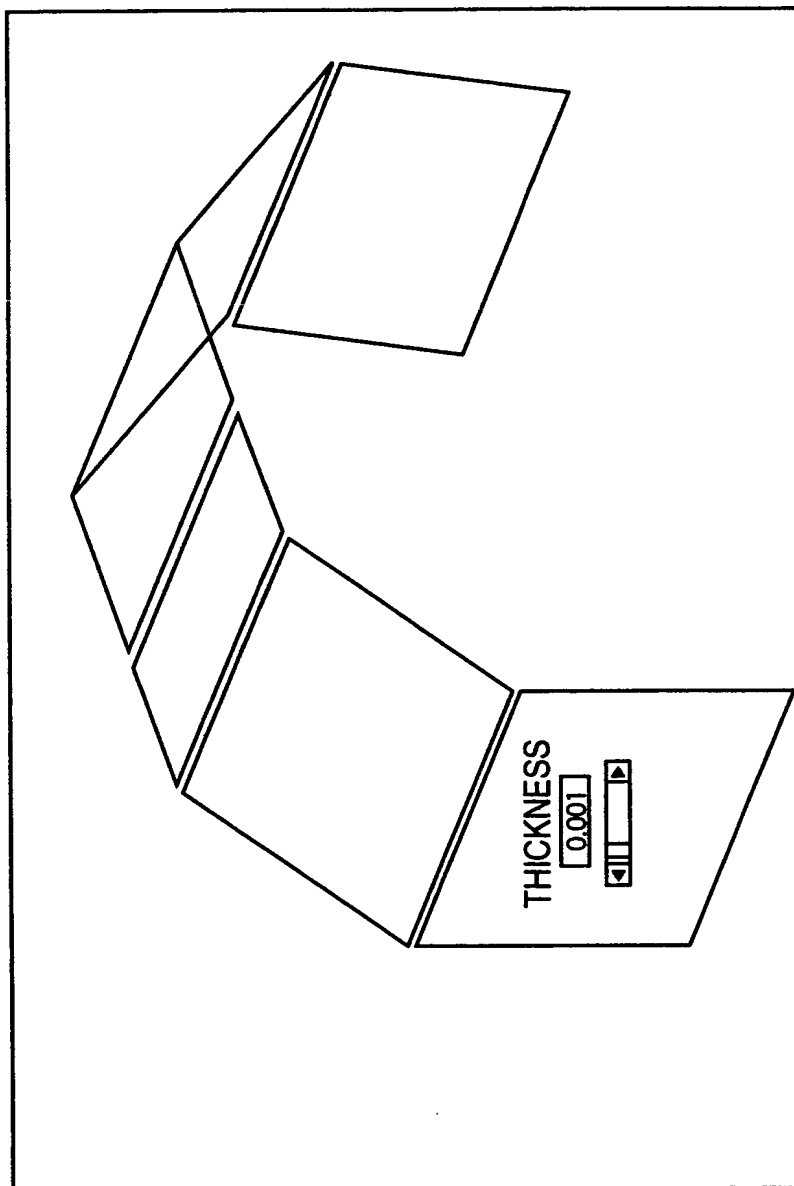


FIG. 8

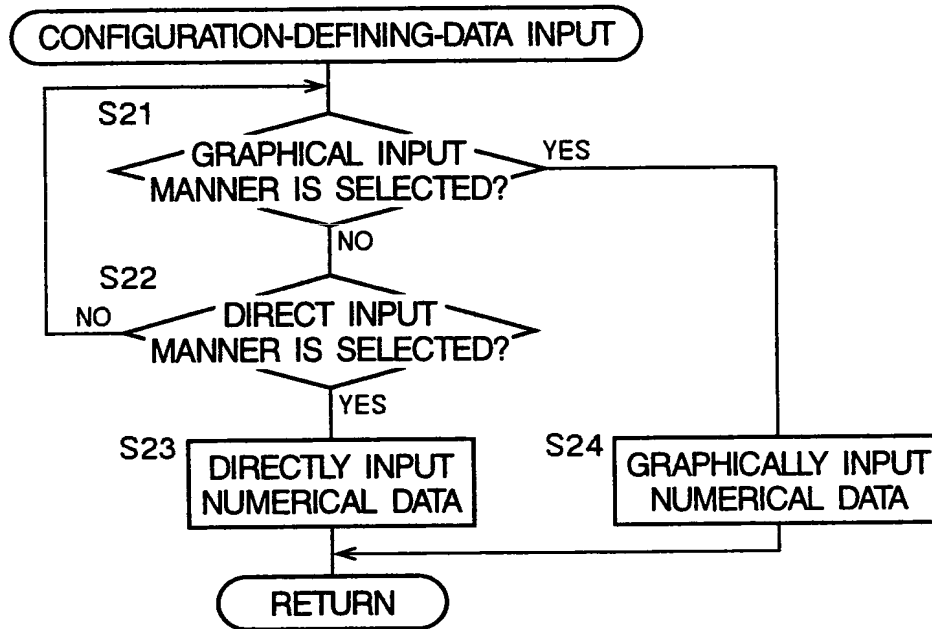


FIG.9

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														

POINT-DATA INPUT SHEET

POINT	X	Y	Z
1	123	12	321
2	456	34	654
3	789	56	987
4	10112	78	12110
5	131415	910	151413
6	123	12	321
7	456	34	654
8	789	56	987
9	10112	78	12110
10	131415	910	151413

POINT	X	Y	Z
11	123	12	321
12	456	34	654
13	789	56	987
14	10112	78	12110
15	131415	910	151413
16	123	12	321
17	456	34	654
18	789	56	987
19	10112	78	12110
20	131415	910	151413

FIG. 10

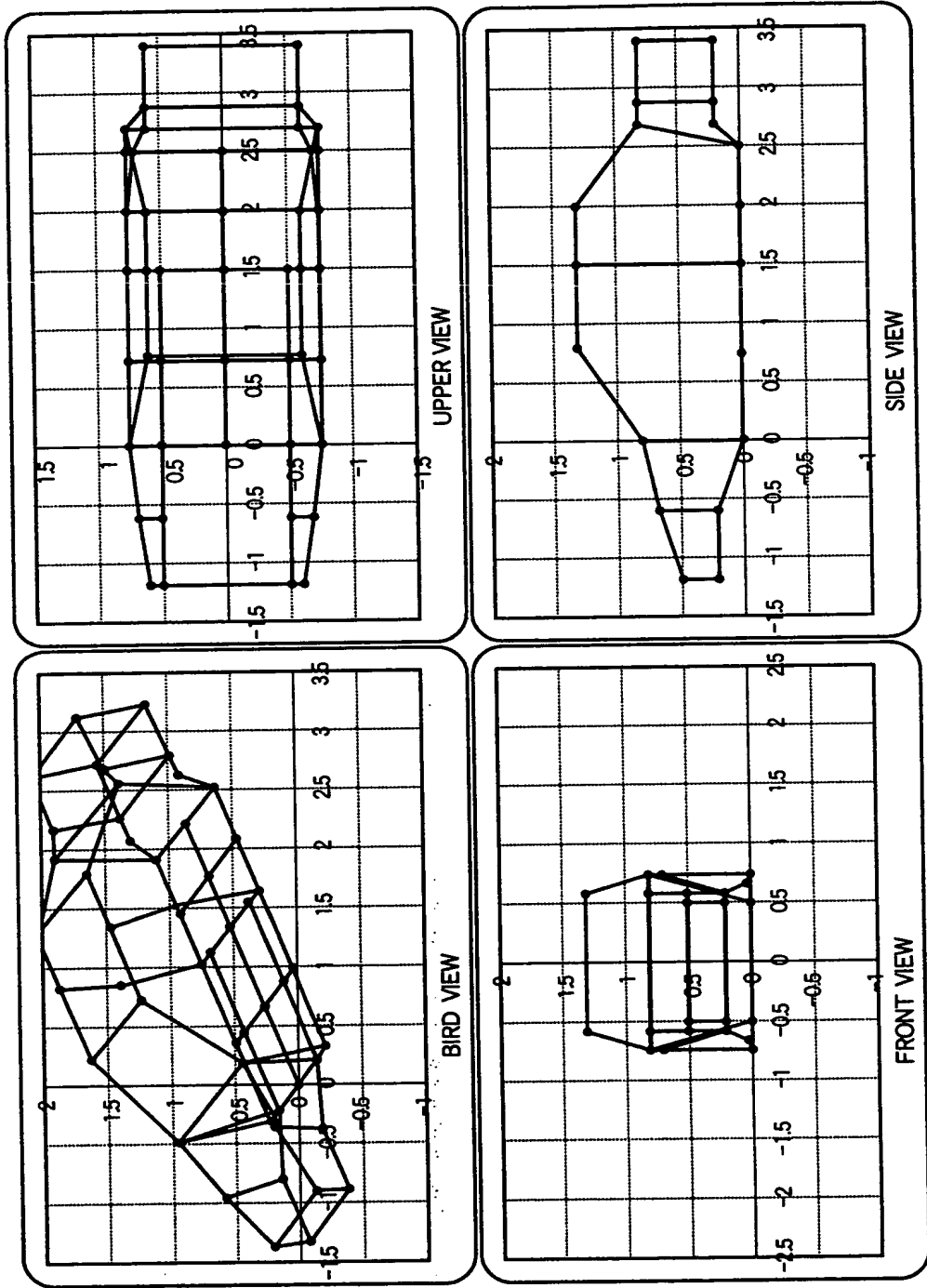


FIG.11

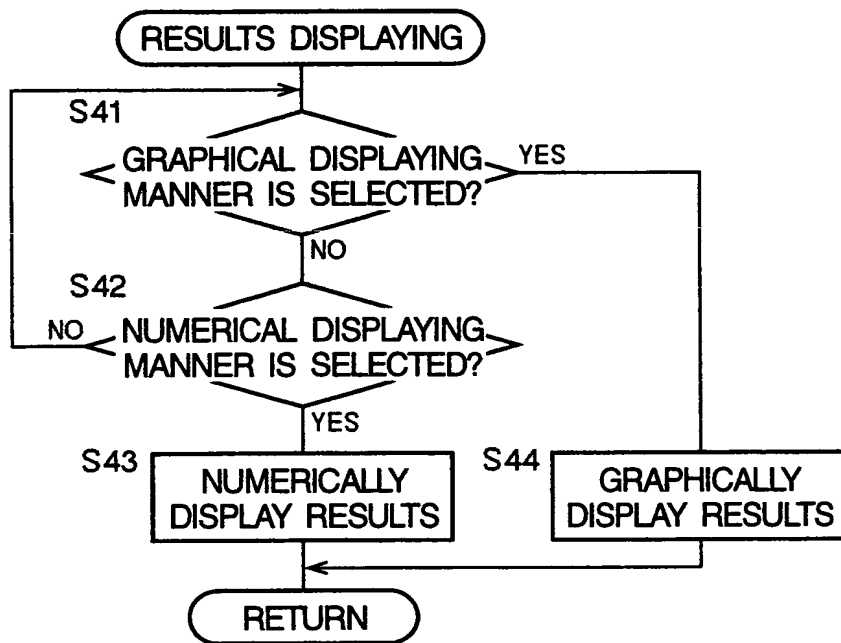


FIG.12

101030 00000000

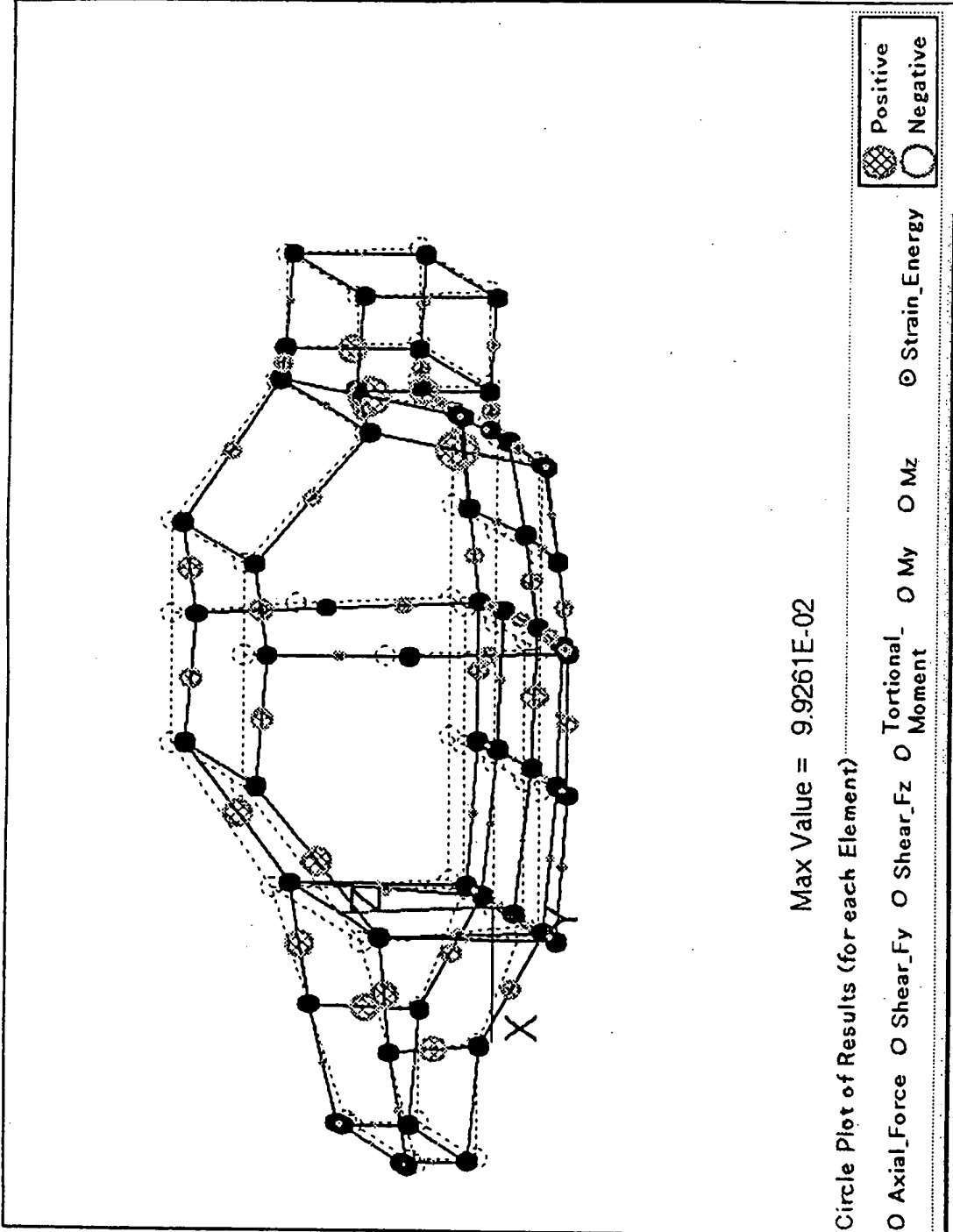


FIG. 13

APPROVED	O.G. FIG.	
BY	CLASS	SUBC.
DRAFTSMAN		

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	<div>ANALYSIS RESULTS SHEET</div>													
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
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21														
22														
23														
24														
25														
26														
27														
28														
29														

POINT	X	Y	Z
1	123	12	321
2	456	34	654
3	789	56	987
4	10112	78	12110
5	131415	910	151413
6	123	12	321
7	456	34	654
8	789	56	987
9	10112	78	12110
10	131415	910	151413

POINT	X	Y	Z
11	123	12	321
12	456	34	654
13	789	56	987
14	10112	78	12110
15	131415	910	151413
16	123	12	321
17	456	34	654
18	789	56	987
19	10112	78	12110
20	131415	910	151413

FIG.14

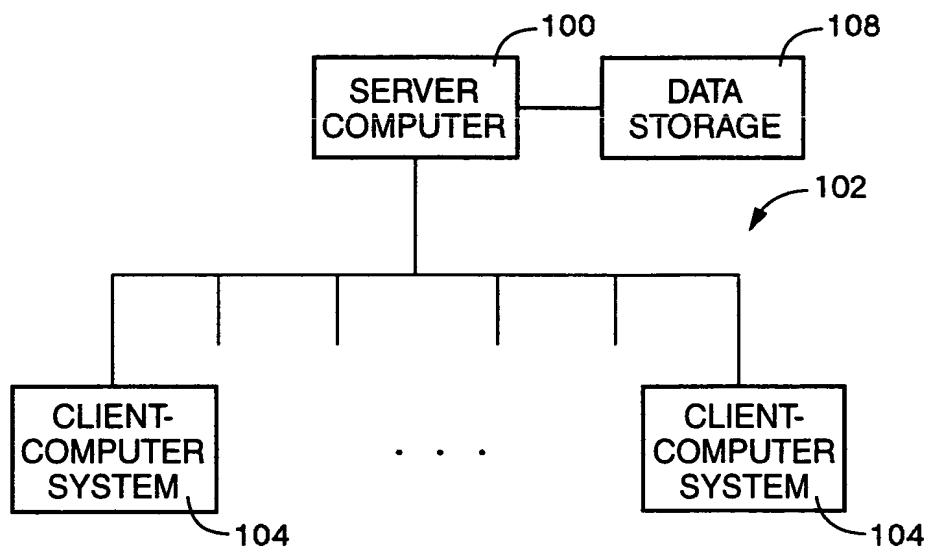


FIG.15

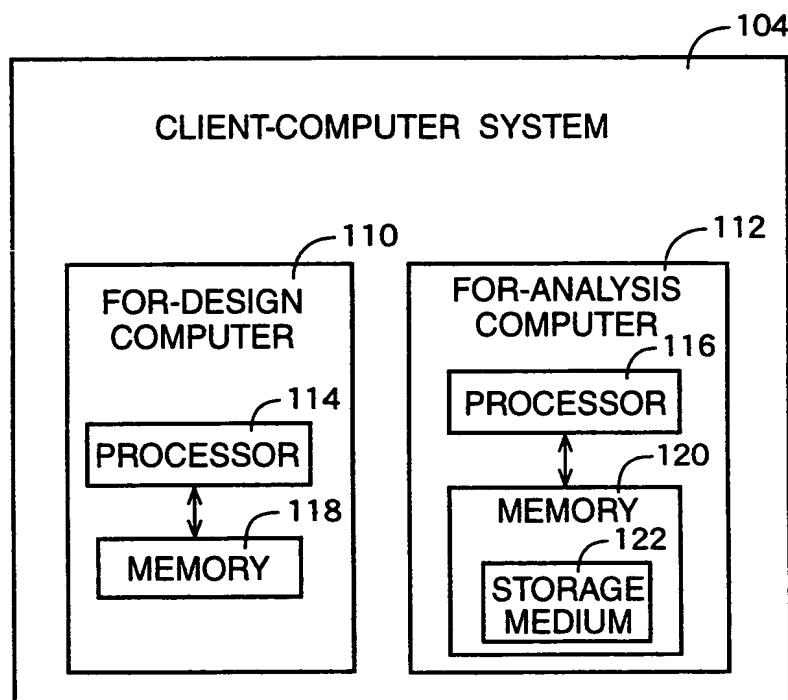


FIG.16

APPROVED	O.G. FIG.
BY	CLASS. SUEC.
RAFTSMAN	

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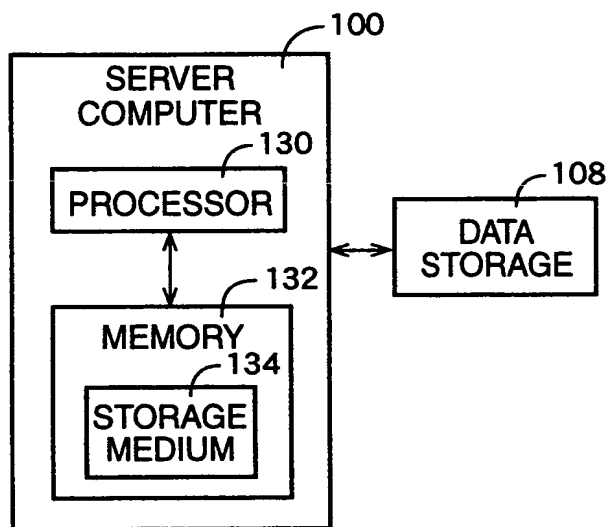


FIG.17

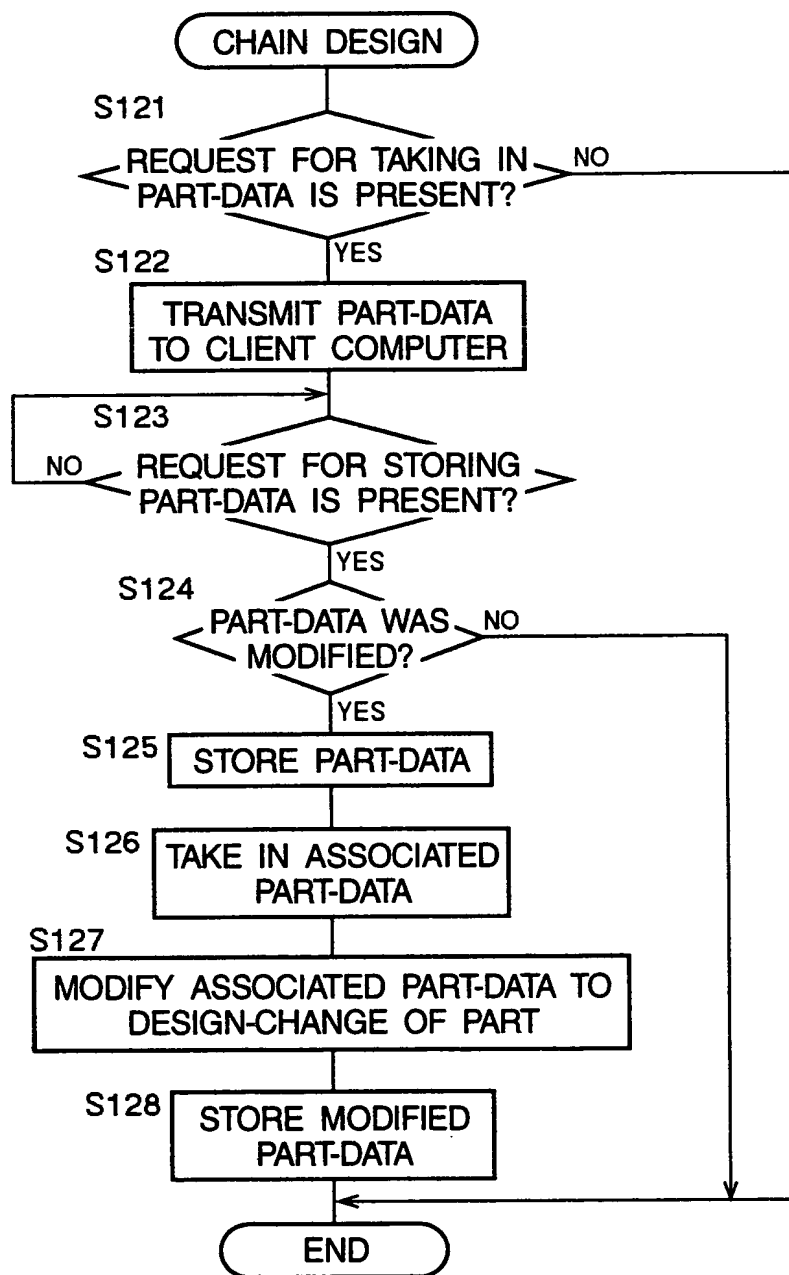


FIG.18

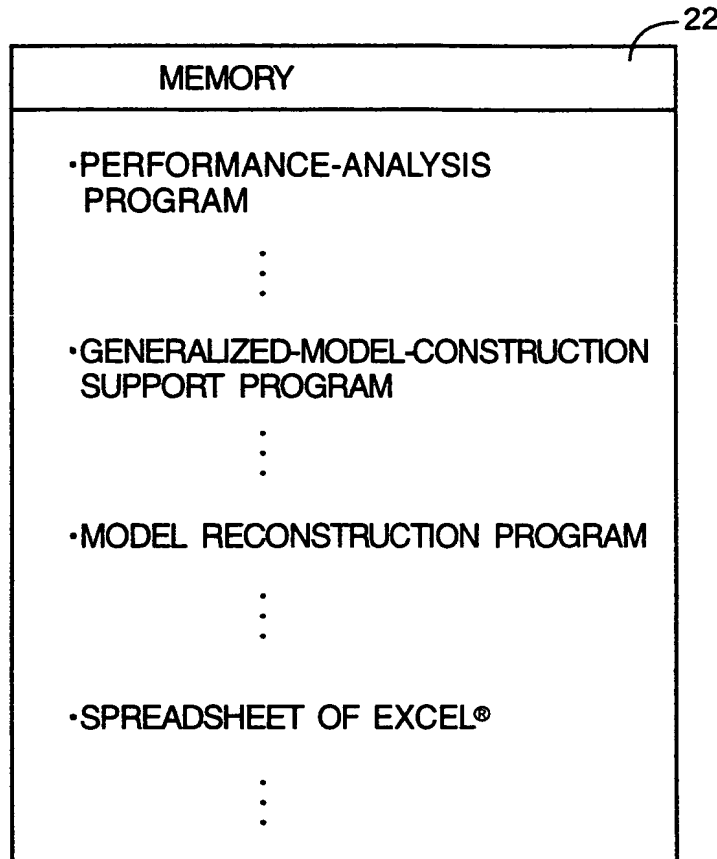


FIG.19

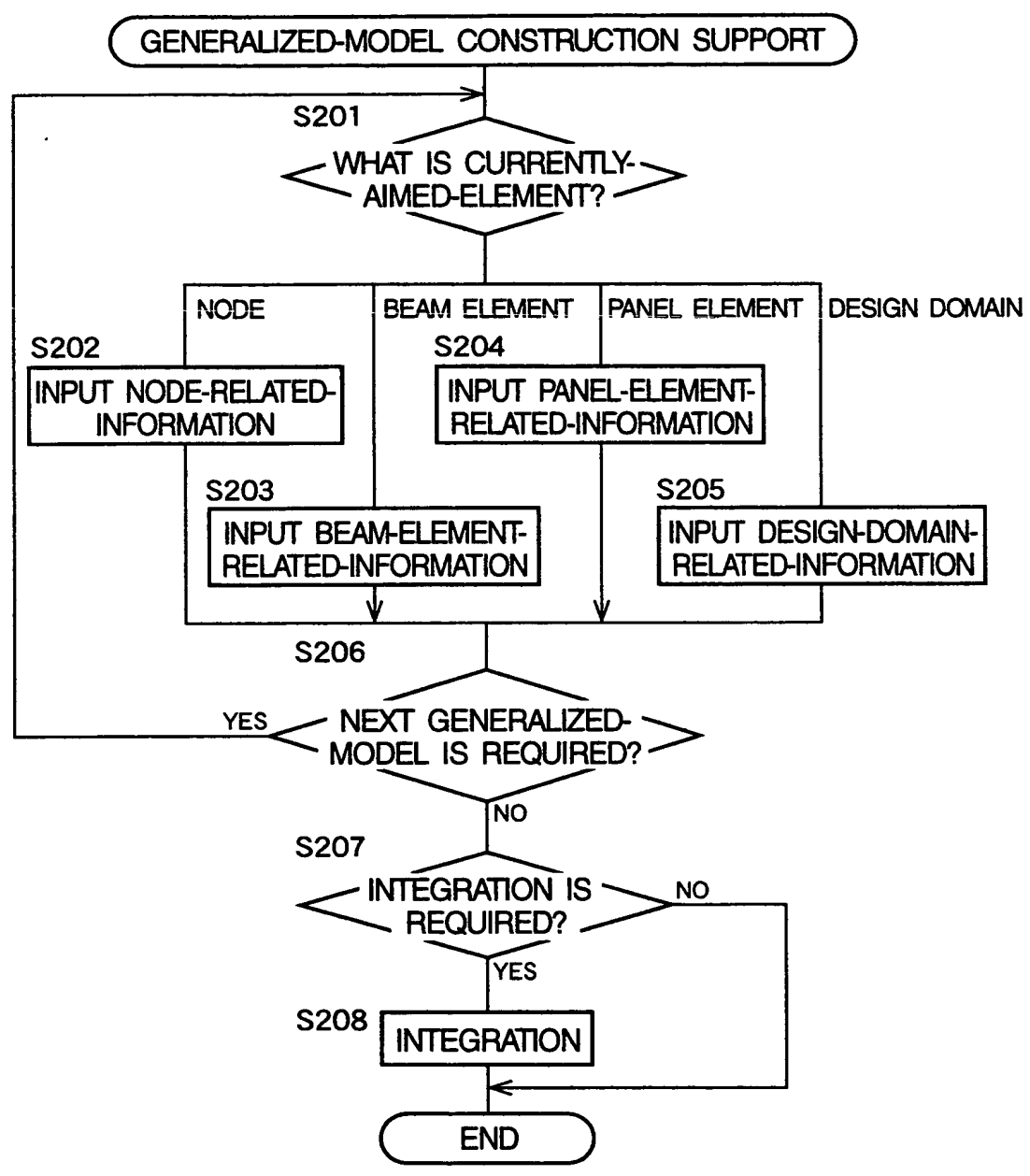


FIG.20

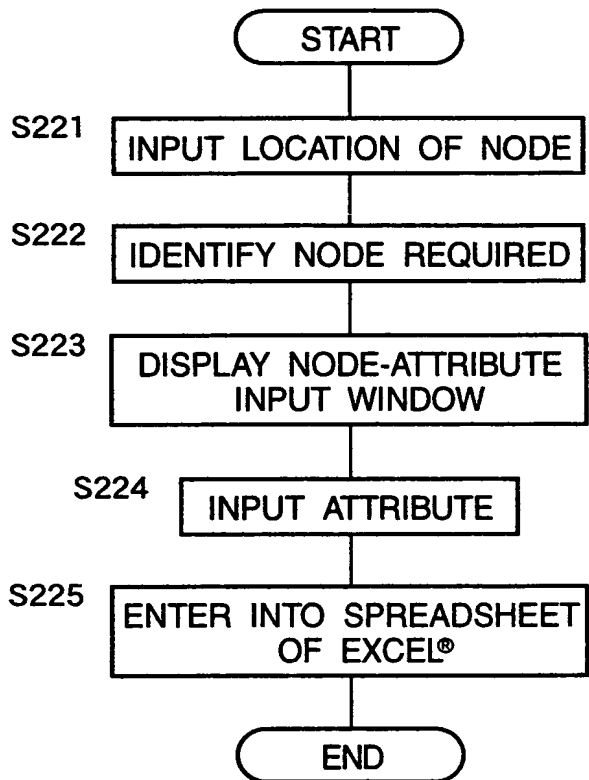


FIG.21

NODE-ATTRIBUTE INPUT

BOUNDARY CONDITION

FIXING CONDITION

DEGREE OF FREEDOM

☐ X

☐ Y

☐ Z

☐ Rot_X

☐ Rot_Y

☐ Rot_Z

SPRING STIFFNESS

LOADING CONDITION

LOAD

F_X

F_Y

F_Z

M_X

M_Y

M_Z

FIG.22

FIG. 23

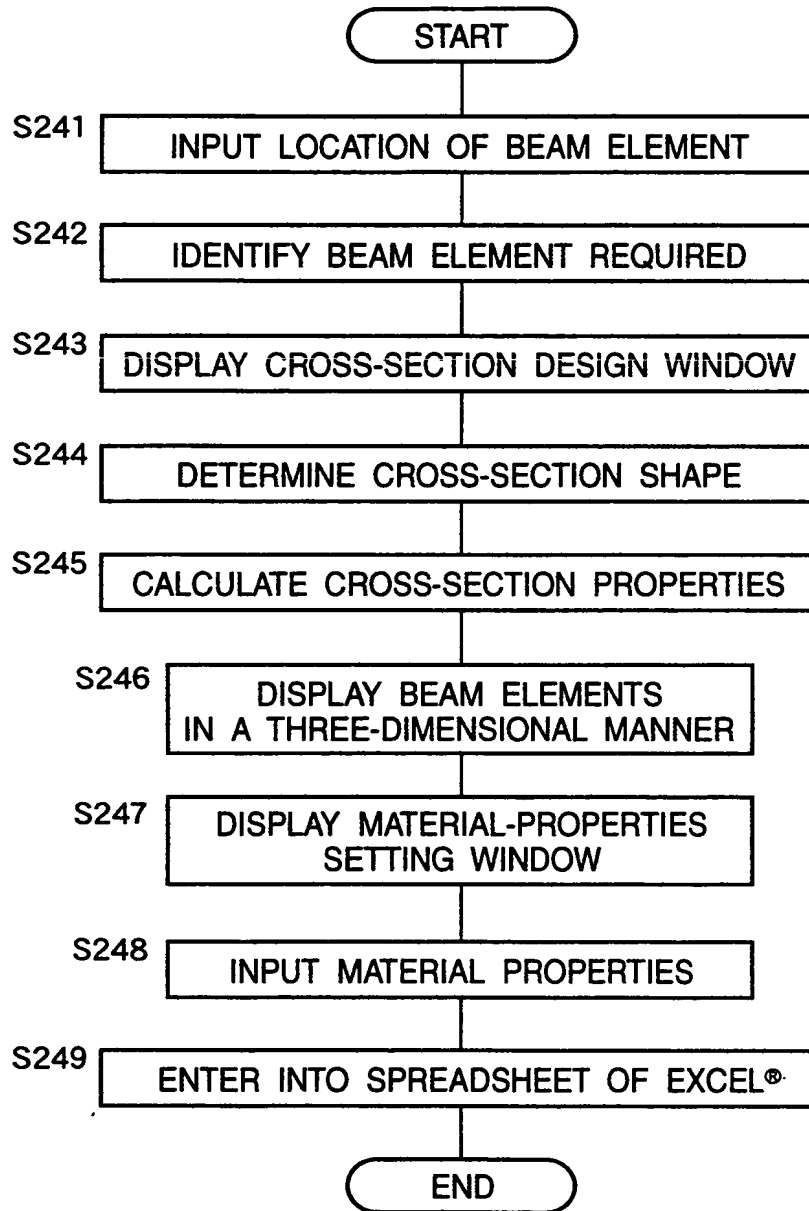


FIG.24

○ MATERIAL-PROPERTIES SETTING BUTTON

FIG. 25

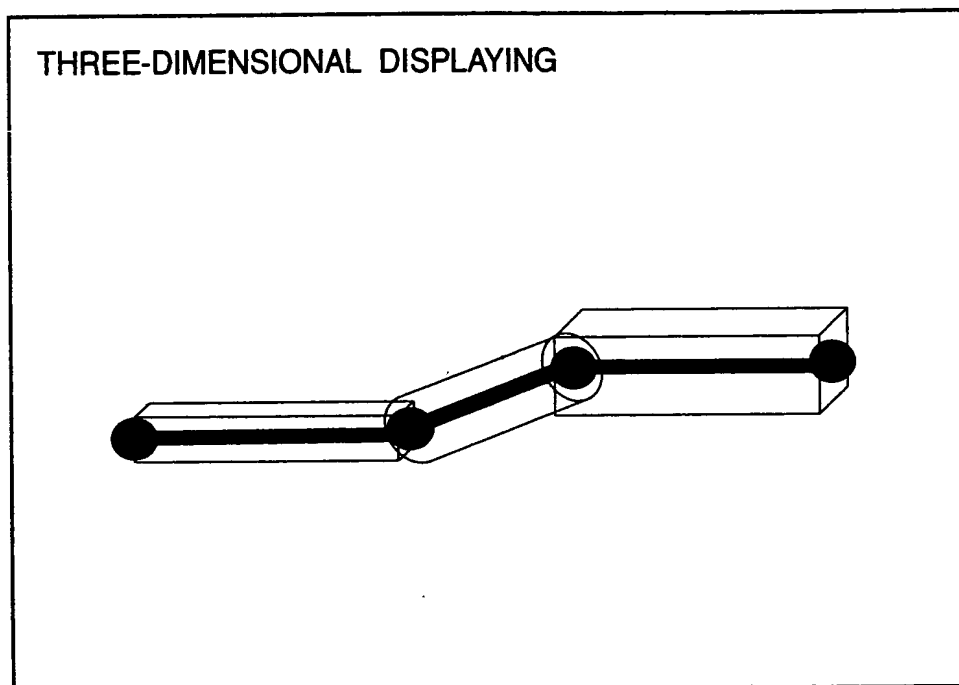


FIG.26

APPROVED	O.G. F.C.
BY	CLASS. SEC.
DRAFTSMAN	

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SETTING OF MATERIAL PROPERTIES

MATERIAL OF BEAM ELEMENT

☒ IRON

.....

☐ ALUMINUM

.....

☐ OTHER

.....

FIG.27

ELEMENT NUMBER	NODE1	NODE2	E[N/mm ²]	ν	ρ [kg/mm ³]	Bush side	ktx	kty	ktz
1	1	2	206000	0.3	7.85E-06				
2	2	3	206000	0.3	7.85E-06				
3	3	4	206000	0.3	7.85E-06				
4	5	6	206000	0.3	7.85E-06				
5	6	7	206000	0.3	7.85E-06				

FIG.28

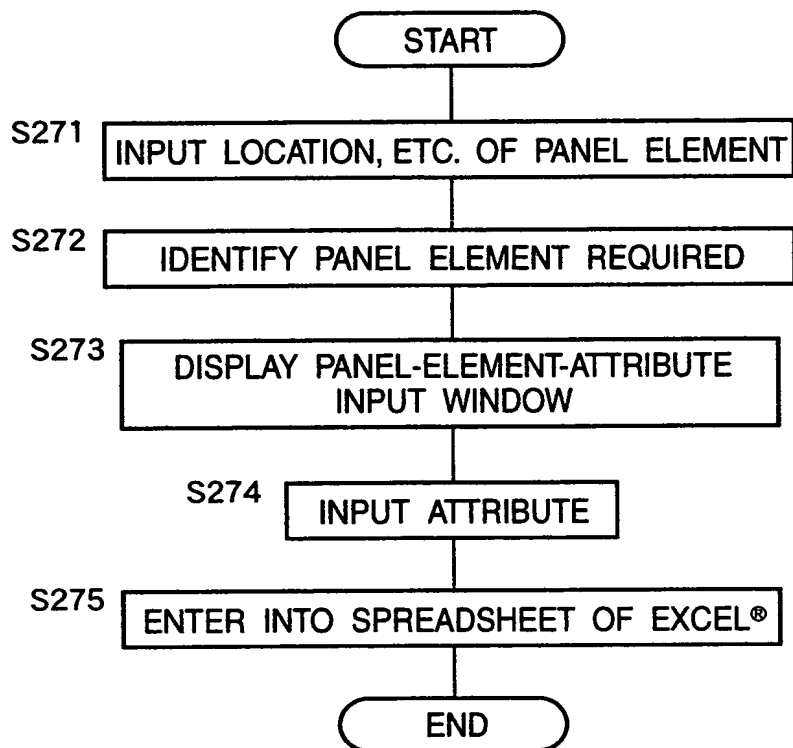


FIG.29

DESIGNED	FIG.
BY	CLASS
RAFTSMAN	SUBCL

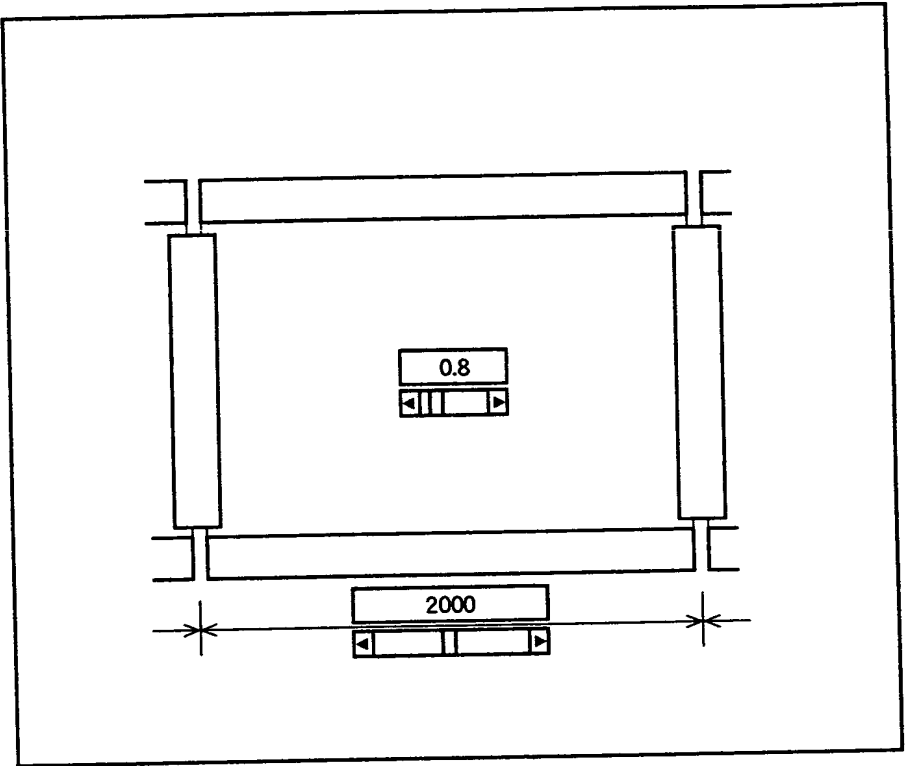


FIG.30

APPROVED	O.G. F.G.	
BY	CLASS	SUBC
DRAFTSMAN		

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PANEL-ELEMENT-ATTRIBUTE INPUT

MATERIAL OF PANEL ELEMENT

☒ IRON
☐ ALUMINUM
☐ OTHER

FIG.31

APPROVED
BY
DRAFTSMAN

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ELEMENT NUMBER	NODE 1	NODE 2	NODE 3	NODE 4	E[N/mm ²]	ν	Thickness
1	2	3	7	6	206000	0.3	0.8
2	3	4	8	7	206000	0.3	0.8

FIG.32

APPROVED	O.G. FIG.
BY	CLASS/SUBCL.
CRAFTSMAN	

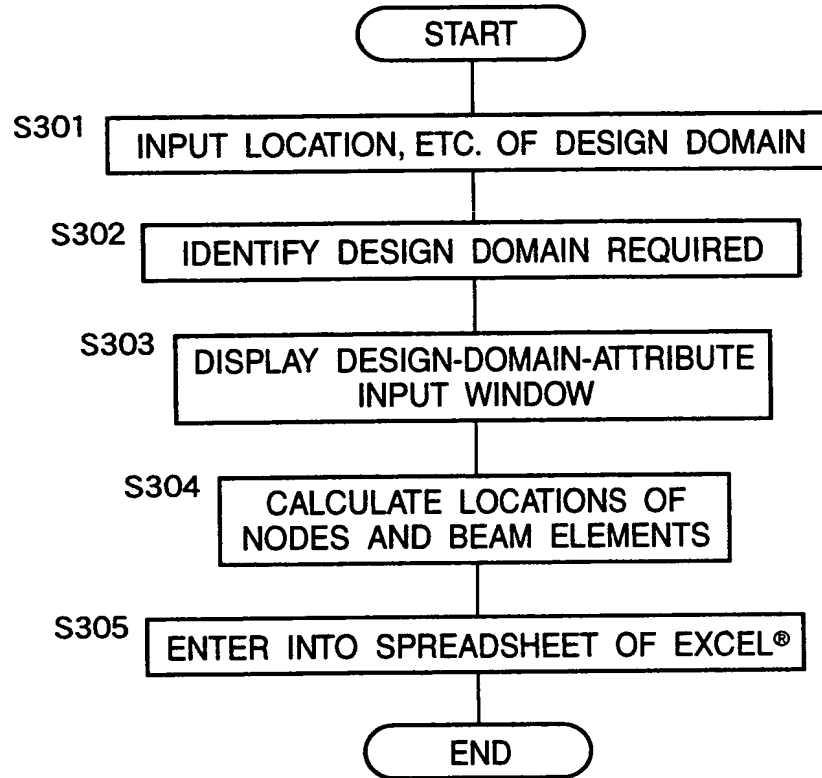
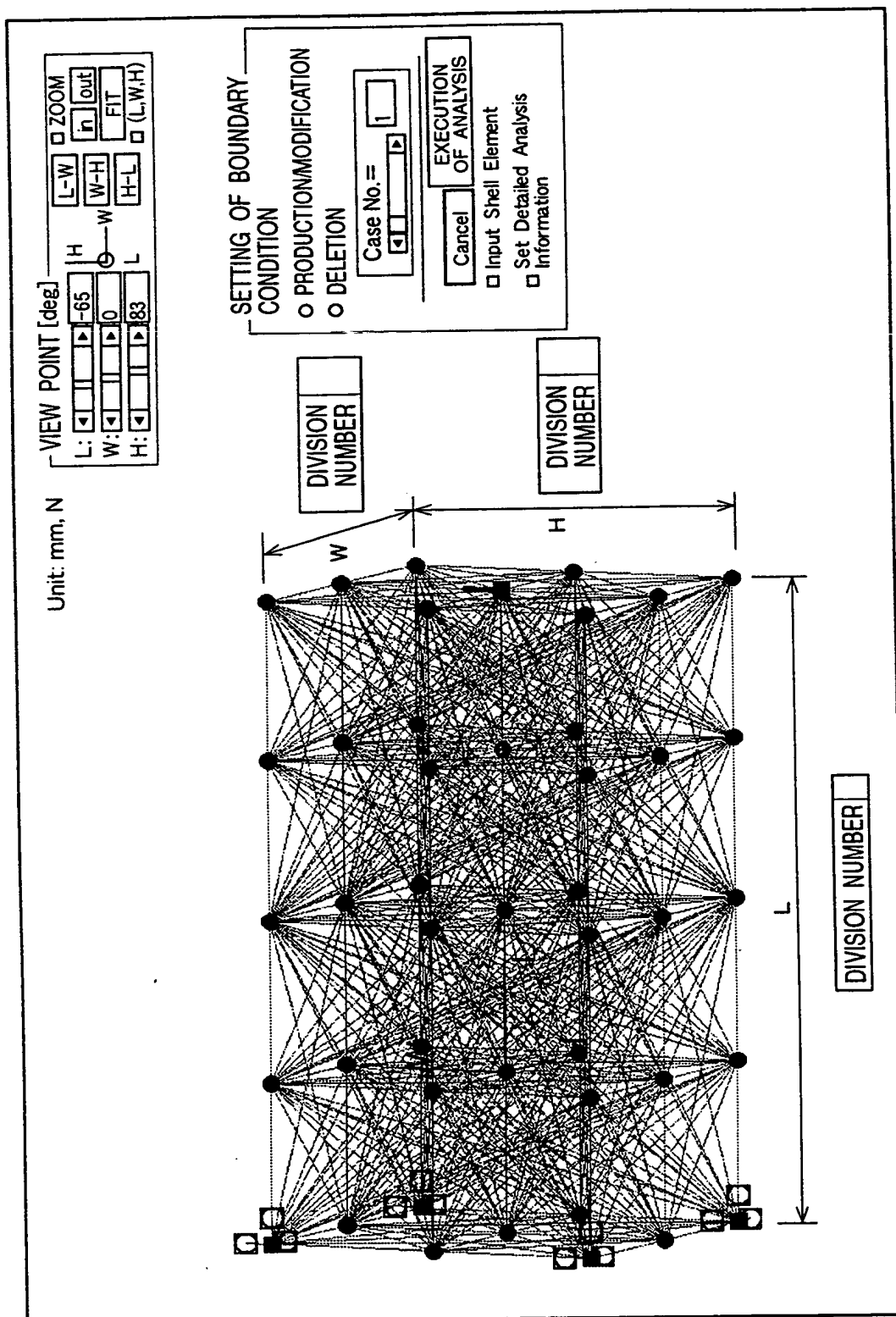


FIG.33



DESIGNED	O.G. FIG.	
BY	CLASS	SUBC.
DRAFTSMAN		

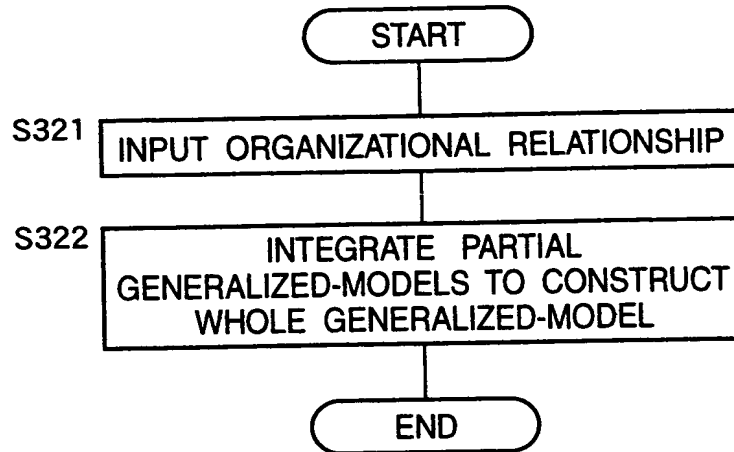


FIG.35

APPROVED	O.G. FIG.	
BY	CLASS	SUBCL
TRAFTSMAN		

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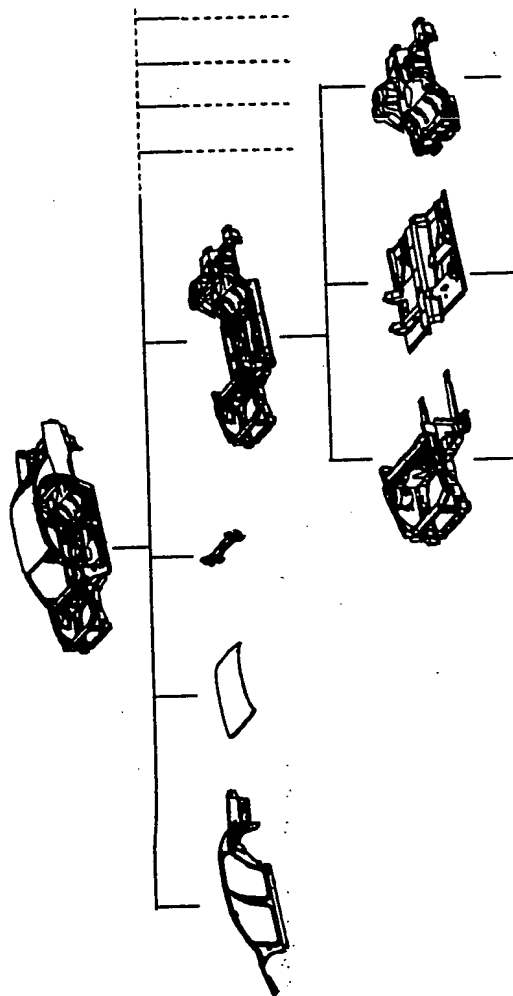


FIG. 36

APPROVED	O.G. FIG.
BY	CLASS. SUBC.
DRAFTSMAN	

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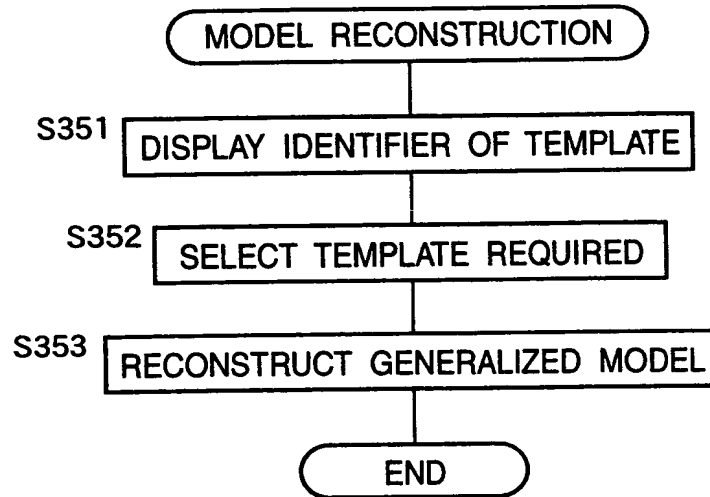


FIG.37

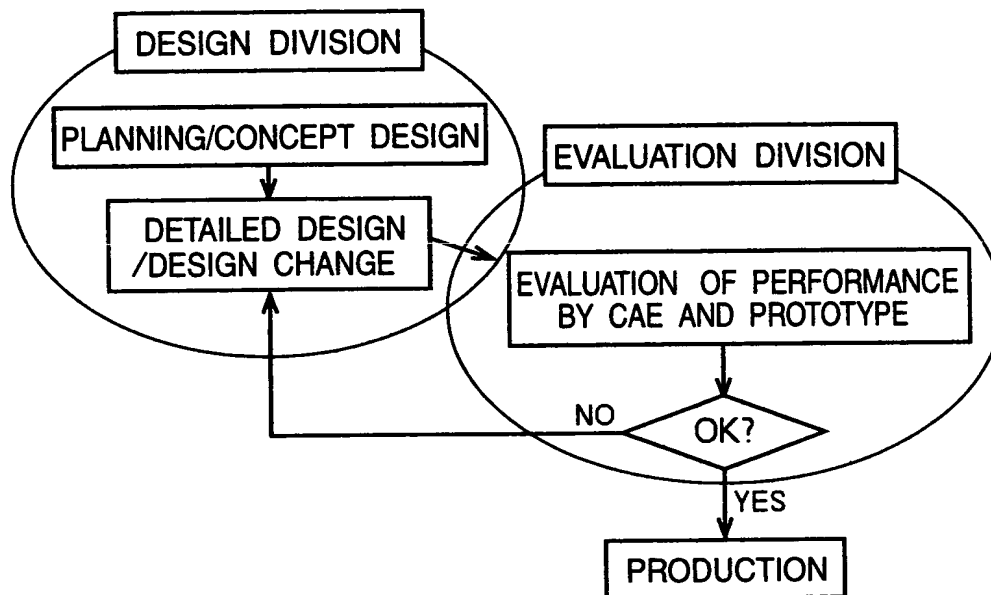


FIG.38